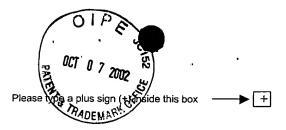
PTO/SB/21 (12-97)
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MARRIT T	RAN	SMITTA	L	Application Number	09/932	2,621	
FORM				Filing Date	08/17/	2001	
(to be us	sed for all co	rrespondence after ini	tial filing)	First Named Inventor	Deguc	:hi	RECEIVED
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				Examiner Name			OCT 1 5 2002
Total Num	ber of Pages	s in This Submission	8	Attorney Docket Number	Sony-(02800	Technology Center 260
			ENCLOS	URES (check all that apply)			
Fe	ee Transmit	tal Form	D Po	stcard		After Al	lowance Communication
	Fee At	ttached		thorization from Mr. Lesher		Appeal	Communication to Board als and Interferences
An	mendment /	Response	پيسي	nited Authorization from Mr. sher		Appeal (Appeal	Communication to Group Notice, Brief, Reply Brief)
	After F	inal	X Au	thorization from Mr. Fujii		Proprie	tary Information
	Affidav	vits/declaration(s)				Execut	ed Declaration
	evocation o	f Power of				Addition (please	nal Enclosure(s) identify below):
Attorney Power of Attorney with Change of Correspondence Address		Те	rminal Disclaimer		, , , , , , ,	,	
Statement Under 37 CFR 3.73(b) for Sony Electronics		Sm	nall Entity Statement		. ,	A CONTRACTOR OF THE CONTRACTOR	
Statement Under 37 CFR 3.73(b) for Sony Corporation		Re	quest of Refund				
Co	opy of the A	ssignment	Remarks			_	
		nse to Missing under 37 CFR r 1.53		The Comissioner is here fees associated with this to Deposit Account No: 5 authorization is enclosed	0-1963	ınication	or credit overpayment
Circa			URE OF A	APPLICANT, ATTORNEY, OR	AGEN	<u>T</u>	
Firm or Individual	I name	Richard H. Butt			· ,:.		
Signature	9	15					
Date 9/30/2002			1000				
			CER	RTIFICATE OF MAILING			
I hereby o	certify that to	this correspondence to: Assistant Comm	e is being o	deposited with the United State Patents, Washington, D.C. 20	es Posta 231 on	al Service this date	e as first class mail in an
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Application Number	09 932,621
Filing Date	8/17/2001
First Named Inventor	Desuchi
Title	Ensedded
Group Art Unit	1284
Examiner Name	
Attorney Docket Number	Sony-02800

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	<u>ld T. Fujii</u> erick J. Zustak	38,458	
	ld C. Card	36,728 44,587	
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as my/our attorney(s) or agent(s) to prosecute the applica	ation identified above, and to transact all	
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Telephone	(408)223-9763	Fax (408) 223-9765	
am the:			
Applicant/Inve	entor.		
Assignee of r	ecord of the entire interest. See 37 C	FR 3 71	
Statement un	der 37 CFR 3.73(b) is enclosed. (For	m PTO/SB/96).	
	SIGNATURE of Applicant or A	ssignee of Record	_
Name I	lar old T. Fujii		7
Signature	102-		
Date	9-18-02		
NOTE: Signatures of all the in forms if more than one signate	ventors or assignees of record of the entire in	terest or their representative(s) are required. Submit multiple	,
□ *Total of	forms are submitted.		

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PTO/SB/96 (08-00)
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STATEMENT UNDER 37 CFR 3.73(b)	
Applicant/Patent Owner: Sony Corporation and Sony Electron	nics. Inc.
Application No./Patent No.: 09/932, 62/ Filed/lasue Date: 8	17/2001
Entitled: Embedded E-Markar Communication System	
Sony Corporation a Japanese Corporation	
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, uni	versity, government agency, etc.)
states that it is:	RECEIVED
1. ☐ the assignee of the entire right, title, and interest; or	
 an assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is50_% 	OCT 1 5 2002
in the patent application/patent identified above by virtue of either:	Technology Center 2600
A. (An assignment from the inventor(s) of the patent application/patent identified a was recorded in the United States Patent and Trademark Office at Reel (0)209 which a copy thereof is attached.	above. The assignment % Frame ⊘312 , or for
OR	
B. [] A chain of title from the inventor(s), of the patent application/patent identified a assignee as shown below:	
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[] Additional documents in the chain of title are listed on a supplemental she	eet.
[] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the recorded in the records of the USPTO. See MPEP 302.08]	the original document) e assignment is to be
The undersigned (whose title is supplied below) is authorized to act on behalf of the as	ssianee
9-18-02	4.5
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Applicant/Patent Owner: Sony Corporation and Sony Electronics, Inc. Application No./Patent No.: Application No./P		PTO/SB/96 (08-00) Approved for use through 10/31/2002. OMB 0651-0031
STATEMENT UNDER 37 CFR 3.73(b) Applicant/Patent Owner: Sony Corporation and Sony Electronics, Inc. Application No./Patent No.: Q 932, 621 Filed/lesue Date: 8/17/200 Entitled: Excedded F. Marker Corneum cation System Sony Electronics, Inc., a U.S. Corporation (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) states that it is: RECEIVED OCT 1 5 2002 2. Man assignee of less than the entire right, title, and interest; or OCT 1 5 2002 Technology Center 28 02 in the patent application/patent identified above by virtue of either: A MAn assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at ReelOLOGIA. Frame COLO., or for which a copy thereof is attached. OR B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: To: The document was recorded in the United States Patent and Trademark Office at Reel Frame of the County	Cresthe Paperwork Reduction Act of 1995, no persons are required to	U.S. Patent and Tradomody Office, U.C. DEDADTMENT on Account
Application No./Patent No.: A 932.62. Filed/lessee Date: 8/7/2001 Entitled: Excedded E Marker Communication System Sony Electronics, Inc., a U.S. Corporation (Name of Assignee) (Type of Assignee, e.g. corporation, sartnership, university, government agency, etc.) states that it is: RECEIVED OCT 1 5 2002 2. Ø an assignee of less than the entire right, title, and interest; or 2. Ø an assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is 50 % in the patent application/patent identified above by virtue of either: A. Man assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at ReelO1209. Frame C312., or for which a copy thereof is attached. OR B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From:		
Application No./Patent No.: A 932, 62 Filed/lesue-Date: 8 17 200 Entitled: Enceded F. Marker Communication System Sony Electronics. Inc. , a U.S. Corporation, Name of Assignee) (Type of Assignee. e.g., corporation, partnership, university, government agency, etc.) states that it is: 1.	STATEMENT UN	DER 37 CFR 3.73(b)
Application No./Patent No.: A 932, 62 Filed/lesue Date: 8/17/200 Entitled: Enceded F. Marker Continue (article System) Sony Electronics. Inc., a U.S. Corporation, (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.) states that it is: 1. the assignee of the entire right, title, and interest; or 2. A assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is 50 % Technology Context 26.00 in the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 12.20%. Frame 2012., or for which a copy thereof is attached. OR 8. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: To: The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached. 2. From: To: The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached. 3. From: To: The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached. [] Additional document is the chain of title are attached. [] Additional documents in the chain of title are attached. [] Additional document by in the chain of title are attached. [] Additional document Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] the undersigned (whose title is supplied below) is authorized to act on behalf of the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]	Applicant/Patent Owner: Sony Corporation	and Sony Electronics, Inc.
Entitled: Lackedded F-Marker Communication System Sony Electronics, Inc., a U.S. Corporation (Name of Assignee) (Type of Assignee. e.g., corporation, partnership, univershy, government agency, etc.) states that it is: RECEIVED OCT 1 5 2002 2. 20 an assignee of the entire right, title, and interest, or 2. 20 an assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is 50 % In the patent application/patent identified above by virtue of either: A. 21 An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at ReelO12016, Frame C312., or for which a copy thereof is attached. OR 8. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From:	Application No./Patent No.: 09/932,621	Filed/lesue Date: 8/17/2001
states that it is: RECEIVED OCT 1 5 2002 The assignee of the entire right, title, and interest; or OCT 1 5 2002 In the assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is 50 % In the patent application/patent identified above by virtue of either: A. Wan assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at ReelOt2016, Frame OS12., or for which a copy thereof is attached. OR 8. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From: The document was recorded in the United States Patent and Trademark Office at Reel 2. From: The document was recorded in the United States Patent and Trademark Office at Reel 3. From: The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached. 3. From: To: The document was recorded in the United States Patent and Trademark Office at Reel Frame or for which a copy thereof is attached. [] Additional documents in the chain of title are listed on a supplemental sheet. [] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] the undersigned (whose title is supplied below) is authorized to act on behalf of the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]	Entitled: Enbedded E-Maylor Com	munication System
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in the patent application/patent identified above by virtue of either: A. Man assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at ReelOl2014. Frame Ol12., or for which a copy thereof is attached. OR B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below: 1. From:		001 1 3 7007 1
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The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. 3. From: To:, or for which a copy thereof is attached. The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. [] Additional documents in the chain of title are listed on a supplemental sheet. [] Copies of assignments or other documents in the chain of title are attached. [] NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. ### Arola ### Fujii Date WP Chief IP Counsel	2. From:	To:
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Reel, Frame, or for which a copy thereof is attached. [] Additional documents in the chain of title are listed on a supplemental sheet. [] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. Harold Fujii Fujiii Fujii Fujiii Fujiii Fujiii Fujiii Fujiii Fujiii Fujiii Fujiii Fujiii	3 From:	, or for which a copy thereof is attached.
[] Additional documents in the chain of title are listed on a supplemental sheet. [] Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. G-ID-O- Harold T- Fujii Fu	The document was recorded in the United	To:
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Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. Harold T. Fujii Date Where or printed name YP Chief TP Counsel		
the undersigned (whose title is supplied below) is authorized to act on behalf of the assignment is to be Harold T. Fujii Date Harold T. Fujii Signature VP Chief TP Counsel	Copies of assignments or other documents in the cl	hain of title are attached
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. G-ID-O- Harold T. Fujii	made be submitted to wasidifficial Division in accour	lance with 37 CED Port 2 if the analysis is a
Date Harold T. Fujii When of printed name Signature VP Chief TP Counsel	resolded in the recolds of the USP IO. See MPEP	302.08]
Signature VP Chief IP Counsel	he undersigned (whose title is supplied below) is authorized by	orized to act on behalf of the assignee.
Signature VP Chief IP Counsel	9-18-0-	
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Application Number	C9 932,621
Filing Date	8/17/2001
First Named Inventor	Deguchi
Group Art Unit	1784
Examiner Name	
Attorney Docket Number	Sony - 02800

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified
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I am the:
Applicant/Inventor.
Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)
SIGNATURE of Applicant or Assignee of Record
Name Harold T. Fujii
Signature
Date 09.18.0~
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.
□ *Total offorms are submitted.

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AUTHORIZATION

I, Frank M. Lesher, on behalf of Sony Electronics Inc., having offices at 1 Sony Drive, Park Ridge, New Jersey 07656, do hereby authorize the following individuals to appoint domestic representation in the United States for purposes of perfecting patent assignment recordations in accordance with U.S. Patent Office Rules:

Harold T. Fujii

Frederick J. Zustak

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OCT 1 5 2002

Technology Center 2600

I further hereby declare that as Executive Vice President, General Counsel, and Secretary for Sony Electronics Inc., I am authorized to grant this authorization. This authorization shall expire two years from the date below unless renewed in writing.

Executed on this 20th day of March, 2002

Frank M. Lesher

Executive Vice President, General Counsel & Secretary Sony Electronics Inc.



LIMITED AUTHORIZATION

Sony Electronics Inc., a Delaware Corporation, with offices at 1 Sony Drive, Park Ridge, New Jersey 07656, hereby appoint the following individuals as Authorized Representatives to execute documents on behalf of Sony Electronics Inc., for the sole purpose of correction of inventorship in the United States Patent Office and all patent offices for countries foreign to the Unites States of America:

Harold T. Fujii

Frederick J. Zustak

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OCT 1 5 2002

Technology Center 2600

This Limited Authorization shall be effective as of the date of execution and may be revoked in writing at any time and shall expire two years from the effective date if not extended in writing.

I hereby verify that I have been empowered by Sony Electronics Inc. to execute this Limited Authorization on behalf of Sony Electronics Inc.

Executed on this 20th day of March, 2002

Frank M. Lesher

Executive Vice President, General Counsel & Secretary

Sony Electronics Inc.



AUTHORIZATION

I, Reikichi Fujii, on behalf of Sony Corporation, having offices at 6-7-35 Kitashinagawa, Shinagawa-ku, Tokyo, Japan 141, hereby authorize the following individuals to appoint domestic representation in the United States for purposes of perfecting patent assignment recordations in accordance with U.S. Patent Office Rules:

Peter C. Toto Harold T. Fujii Frederick J. Zustak Frank M. Lesher

I further hereby declare that as Senior General Manager of Intellectual Property Division of Sony Corporation, I am authorized to grant this authorization. This authorization shall expire two years from the date below unless renewed in writing.

Reikichi Fujii

Senior General Manager

Intellectual Property Division

Sony Corporation

October 4, 2001

Date

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